

CLAIMS

1. (Currently amended) A method of using a vehicular radio broadcast-based program selection and ordering system comprising:

perceiving a radio broadcast program presentation;

5 selecting a radio broadcast program ~~near the time of~~ during said radio broadcast program presentation;

sending broadcast program selection information to an order fulfillment facility;

and

processing said broadcast program selection in said order fulfillment facility;

10 perceiving a radio broadcast program selection confirmation; and

~~responding to said radio broadcast program selection confirmation.~~

2. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 1:

15 wherein selecting said radio broadcast program further comprises acoustic signaling selecting of said radio broadcast program.

3. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 1:

20 wherein selecting said radio broadcast program further comprises pushing performing at least one ~~button~~-gesture to signal selecting of said radio broadcast program.

4. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 1:

25 wherein perceiving said radio broadcast program selection confirmation further comprises hearing a radio broadcast program selection description.

5. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 1:

30 wherein perceiving said radio broadcast program selection confirmation further comprises reading a radio broadcast program selection description.

6. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 1 further comprising:

identifying a vehicle owner.

7. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 1, further comprising the step of:

wherein responding to said ~~radio~~ broadcast program selection confirmation further comprises by at least one of the ~~collection~~ comprising:

ordering said ~~radio~~ broadcast program selection; and

canceled said ~~radio~~ broadcast program selection.

8. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 7, wherein identifying said vehicle owner further comprises speaking an owner identifying signature sequence.

9. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 8, further comprising:

initializing said owner identifying signature sequence.

10. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 7, wherein identifying said vehicle owner further comprises pushing an owner identifying ~~button~~ sequence gesture.

11. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 10, further comprises comprising:

initializing said owner identifying ~~button~~ sequence gesture.

12. (Currently amended) A method of using a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 7, wherein identifying said owner further comprises:

~~pressing a fingerprint scanner using a biometric identification measuring device.~~

13. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 12, further comprises comprising:

~~initially pressing said fingerprint scanner accessing said biometric identification measuring device.~~

14. (Currently amended) A method of using a vehicular radio broadcast -based program selection and ordering system as recited in claim 12, wherein ordering said radio broadcast program selection further comprises:

~~pressing accessing said fingerprint scanner biometric identification measuring device.~~

15. ~~(Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system comprising:~~

~~receiving a coded radio broadcast program data channel;~~

~~sensing a radio broadcast program;~~

~~determining real time selection of said sensed radio broadcast program;~~

~~sending broadcast program selection information to an order fulfillment facility;~~

~~processing said broadcast program selection in said order fulfillment facility;~~

~~displaying said radio broadcast program confirmation from said received coded radio broadcast program data channel whenever said radio broadcast program is sensed; and~~

~~sensing a response to said displayed radio broadcast program confirmation and said selection of said sensed radio broadcast program.~~

16. (Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 15, wherein receiving a coded radio broadcast program data channel further comprises:

~~sensing an internal radio broadcast program data channel; and~~

~~processing said sensed internal radio broadcast program data channel to create a radio broadcast program data descriptor stream.~~

17. (Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 16, wherein sensing said radio broadcast program further comprises:

sensing a radio broadcast program channel number to create a sensed radio broadcast channel number; and
5 decoding said radio broadcast program data descriptor stream based upon said sensed radio broadcast channel number to create a radio broadcast program data descriptor for said sensed radio broadcast program.

18. (Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering as recited in claim 16, wherein displaying said radio broadcast program confirmation further comprises;

generating a radio broadcast program confirmation text; and
displaying said radio broadcast program confirmation text.

19. (Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering as recited in claim 18, wherein sensing said response to said displayed radio broadcast program confirmation further comprises at least one of:

a collection comprising determining to order said selected radio broadcast program further comprising by sending a radio broadcast program buy message for said selected radio broadcast program whenever determining to order said selected radio broadcast program is asserted; and
20 determining to cancel said selected radio broadcast program.

20. (Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 19, further comprising:

sensing a vehicle internal audio feedback channel to create a sensed vehicle audio feedback stream; and

processing said sensed vehicle audio feedback to create a processed vehicle audio feedback; and

wherein determining selection of said sensed radio program further comprises determining said processed vehicle audio feedback to create said determined selection of said sensed radio broadcast program.

21. ~~(Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 20, wherein determining to order said selected radio broadcast program further comprises:~~

~~determining said processed vehicle audio feedback to create said determined ordering of said selected radio broadcast program.~~

22. ~~(Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 19, wherein displaying said radio broadcast program confirmation text further comprises:~~

~~audio processing said radio broadcast program confirmation text to create an audio radio broadcast program confirmation script; and
sending said audio radio broadcast program confirmation script to an audio output device.~~

23. ~~(Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 19, wherein displaying said radio broadcast program confirmation text further comprises:~~

~~sending a buy query for said selected radio broadcast program;
receiving a response to said selected radio broadcast program buy query; and
generating said radio broadcast program confirmation text from said selected radio broadcast program buy query response.~~

24. ~~(Cancelled) A method of controlling a vehicular radio broadcast-based program selection and ordering system as recited in claim 19, wherein displaying said radio broadcast program confirmation text further comprises:~~

~~presenting said radio broadcast program confirmation text to a visual output device.~~

25. (Currently amended) A method of controlling a vehicular radio broadcast - based program selection and ordering system as recited in claim 1 45, further comprising:

~~at least one of the collection comprising:~~ initializing use for a specific user to create a signature for said specific user; and

Initializing a usage session for a first user utilizing said signature for said specific user.

26. (Currently amended) A method of controlling a vehicular ~~radio~~ broadcast-based program selection and ordering system as recited in claim 25, wherein

initializing a usage session for said first user further comprises:

sampling said first user response to create a first user signature;

comparing said first user signature with said signature of said specific user to create a signature comparison; and

blocking access by said first user whenever said comparison is non-matching.

27. (Currently amended) A method of controlling a vehicular ~~radio~~ broadcast-based program selection and ordering system as recited in claim 26, wherein

blocking access by said first user whenever said comparison is non-matching further comprises:

sending a stolen device report based upon said first user signature.

28. (Currently amended) A method of controlling a vehicular ~~radio~~ broadcast -based program selection and ordering system, as recited in claim 15, implemented as a computer program residing in computer readable memory.

29. (Currently amended) A method of controlling a vehicular ~~radio~~ broadcast -based program selection and ordering system as recited in claim 28, wherein said computer readable memory resides in a removable storage device which when engaged by a removable storage interface may be accessed by a computer.

30. (Currently amended) A ~~radio~~ broadcast receiver for receiving a ~~radio~~ broadcast program data channel, and conducting transactions, comprising:

an embedded controller further comprising a computer readable memory containing a writeable non-volatile memory component;

a receiver of said ~~radio~~ broadcast program data channel coupled to said embedded controller generating a ~~radio~~ broadcast program data channel stream readably accessible by said embedded controller;

a ~~radio~~ transceiver coupled to said embedded controller receiving from said embedded controller transaction output messages; and

a user interface circuit coupled to said embedded controller generating user selection data to initiate an order transaction readably accessible by said embedded controller in real time and concurrent with user selection of a received broadcast program to which said order transaction is linked;

5 wherein said radio transceiver generates a transaction input stream readably accessible by said embedded controller; and

wherein said user interface circuit receives from said embedded controller user output data for forwarding to an order fulfillment facility.

31. (Currently amended) A ~~radio for receiving a radio program data channel, and~~
10 ~~conducting transactions receiver~~ as recited in claim 30, further comprising:

an external IF signal input port; and

wherein said radio broadcast program data channel receiver includes a radio broadcast program data channel isolator containing an input port coupled to said external IF input signal and further containing a digital output port coupled to said
15 embedded controller providing said radio broadcast program data channel stream.

32. (Currently amended) A receiver ~~radio for receiving a radio program data channel, and conducting transactions~~ as recited in claim 31, wherein external IF signal input port supports an analog signal protocol; and

wherein said radio program data channel isolator further comprises;

20 an analog isolation circuit including comprising a first analog input port coupled to said external IF input port; a first digital output port coupled to said radio program data channel isolator digital output; and

an A/D converter ~~further~~ comprising a second analog input port coupled to said first analog input port; and a second digital output port coupled to said first
25 digital output port.

33. (Currently amended) A ~~radio for receiving a radio program data channel, and~~
~~conducting transactions receiver~~ as recited in claim 32, wherein said analog isolation circuit further comprises:

30 a bandpass filter containing comprising an input port coupled to said external IF input signal, and further containing comprising a output port coupled to said A/D converter input port.

34. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said user interface circuit further comprises:

a user interface audio output interface providing audio output of said user output data.

35. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said user interface circuit further comprises:

a user interface audio input sensor providing an user audio input data stream to said embedded controller.

36. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said user interface circuit further comprises:

a visual output device providing visual output of said user output data.

37. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said user interface circuit further comprises:

a user interface tactile input sensor providing an user tactile input data stream.

38. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 37, wherein said user interface tactile input sensor further comprises:

a button sensor.

39. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 37, wherein said user interface tactile input sensor further comprises:

a fingerprint scanner biometric identification measuring device.

40. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said radio transceiver comprises:

a cellular telephone.

5 41. (Currently amended) A ~~radio for receiving a radio program data channel, and conducting transactions~~ receiver as recited in claim 30, wherein said radio transceiver comprises:

a bi-directional pager.